

Fig. 1a

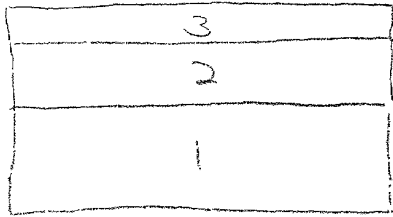


Fig. 1b

Radiation 5

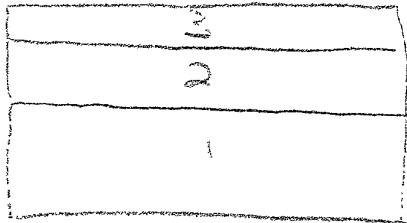
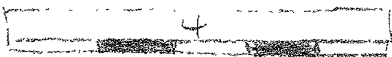


Fig. 1c

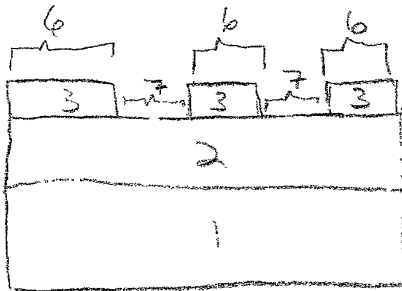


Fig. 1d

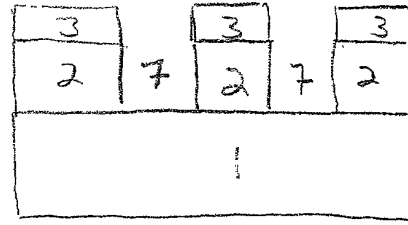


Fig. 1e

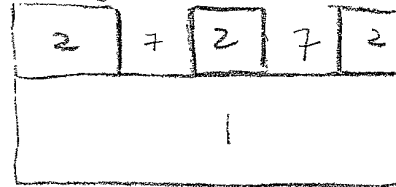


Fig. 1f

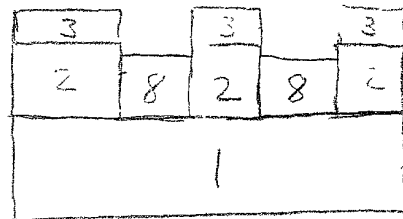


Fig. 1g

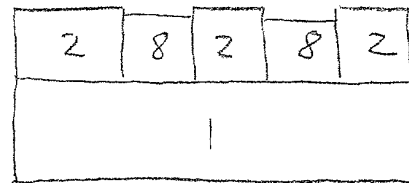


Fig. 1h

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FIGURE 2a

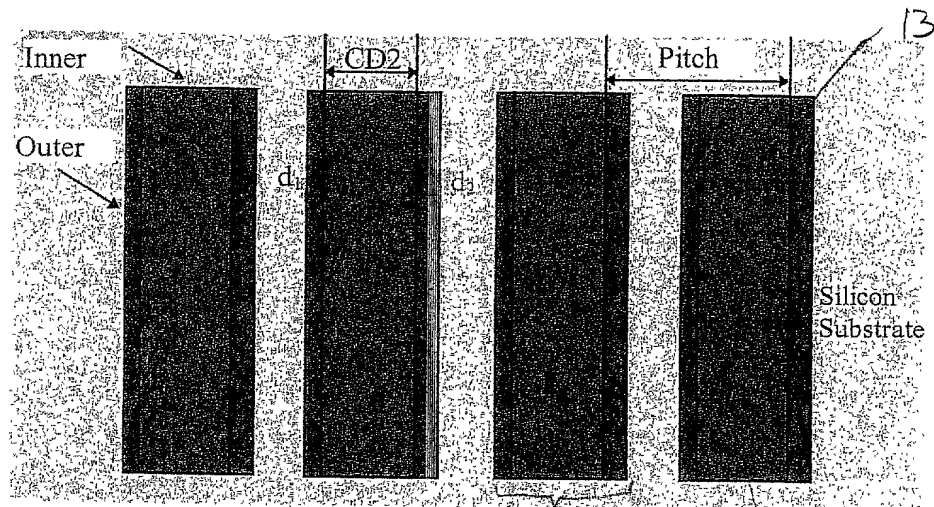
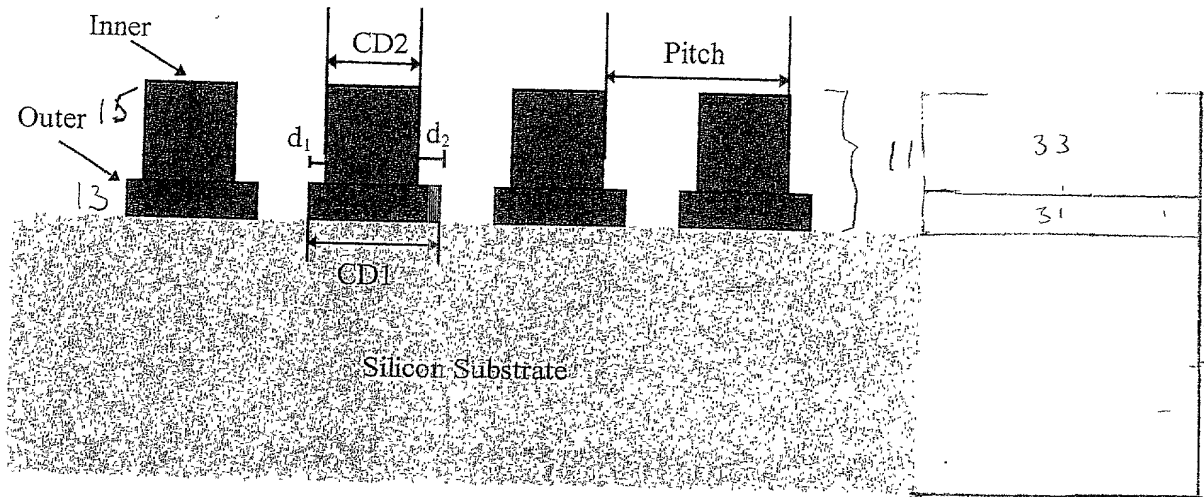
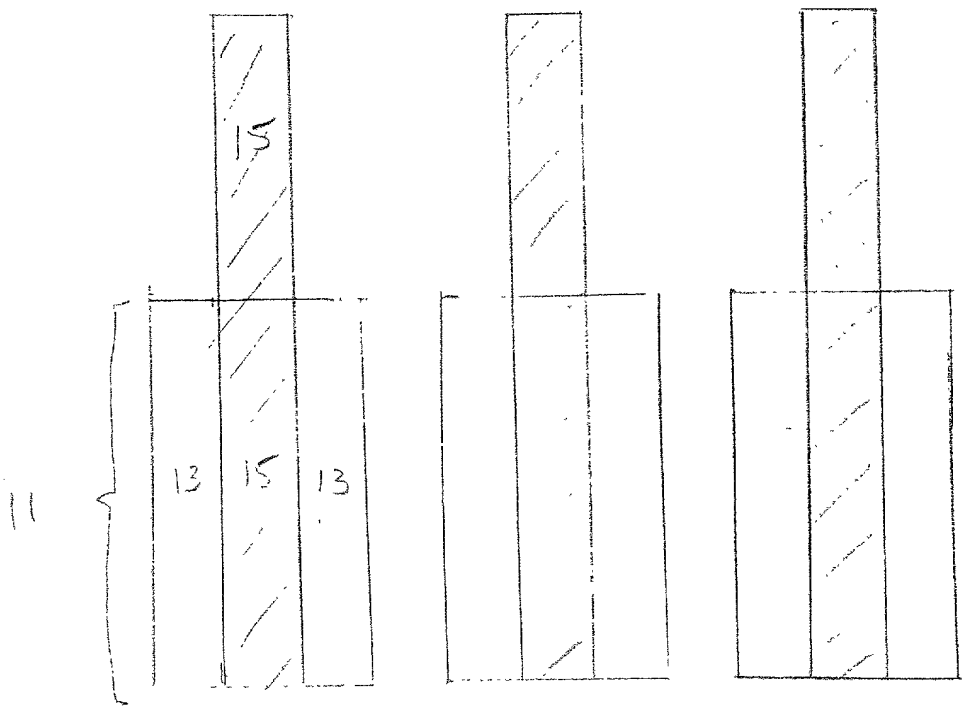


FIGURE 2b

11

15



CD Region
21

Overlay Region
19

Figure 2

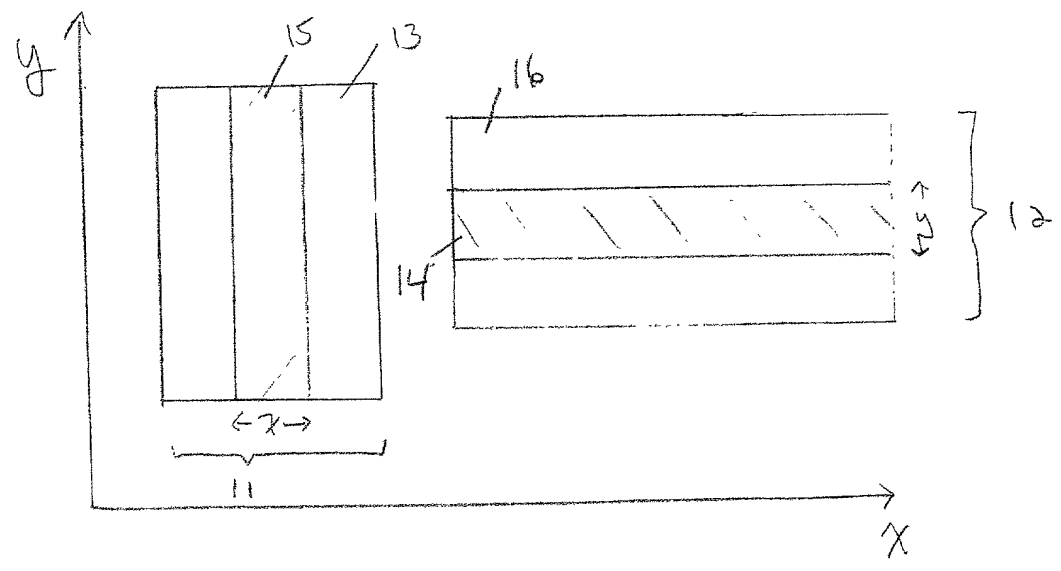


Figure 2C

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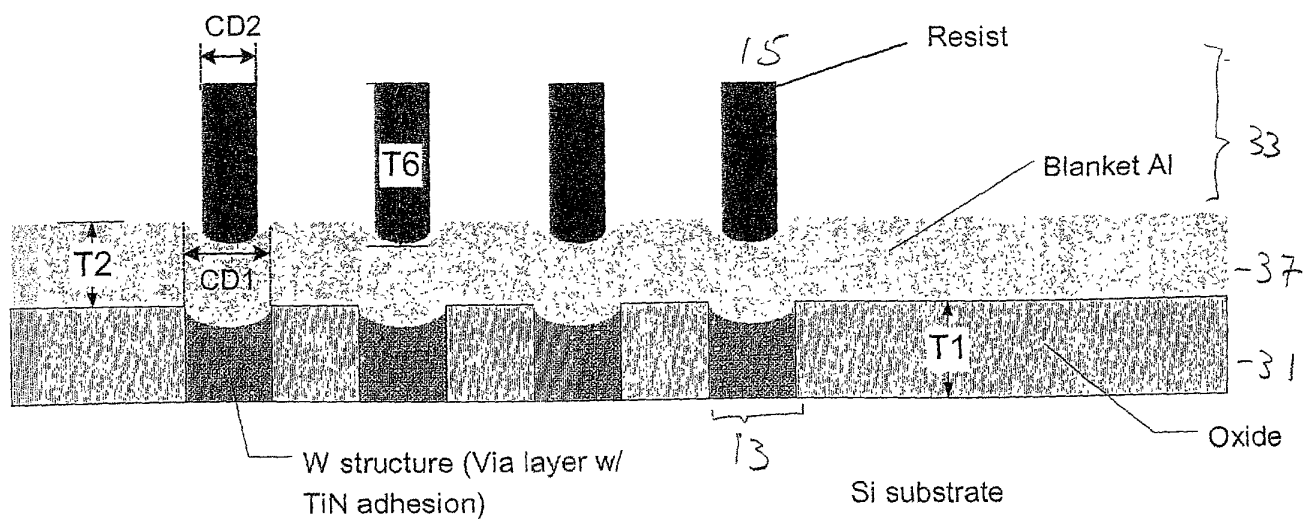


Figure 4b

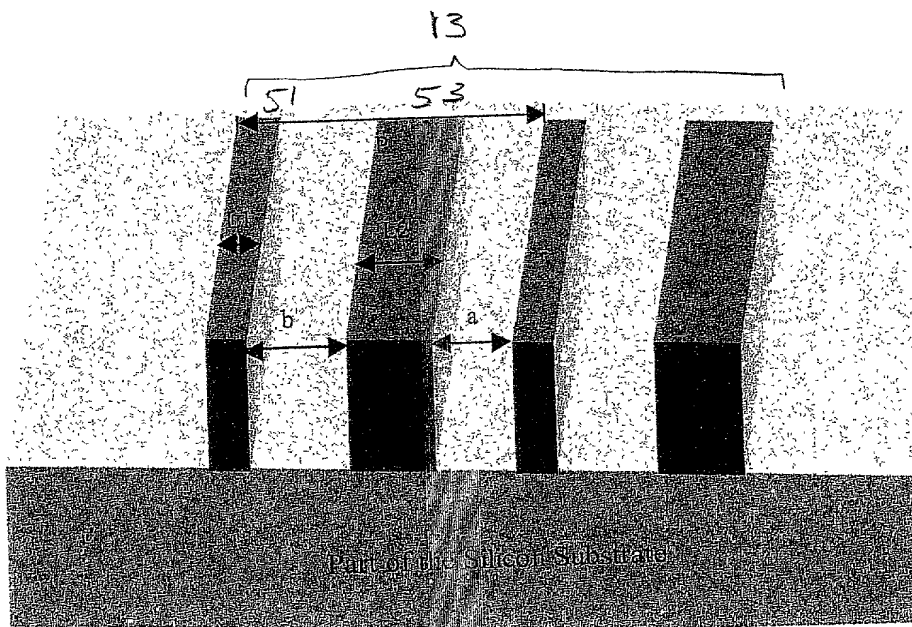


FIGURE 5a

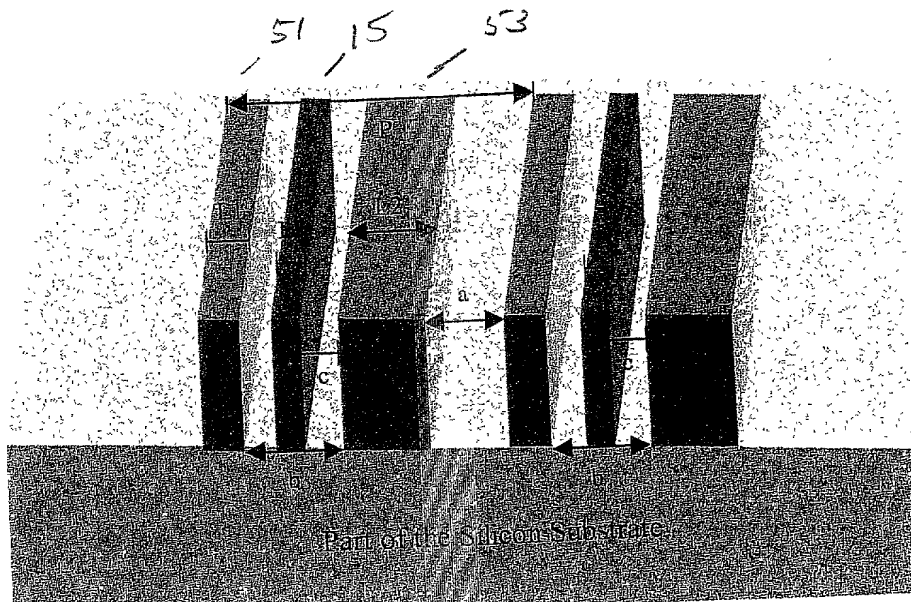


FIGURE 5b

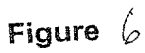


Figure 6

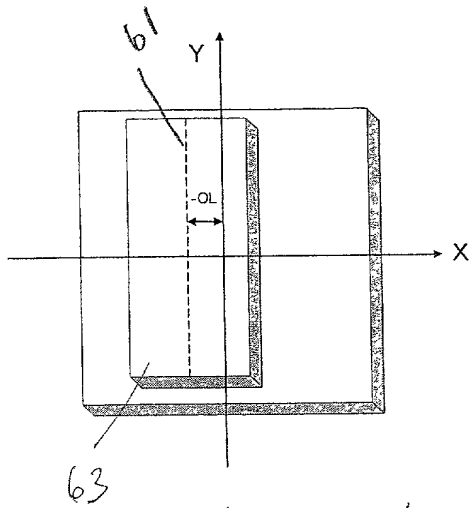


Fig. 7a

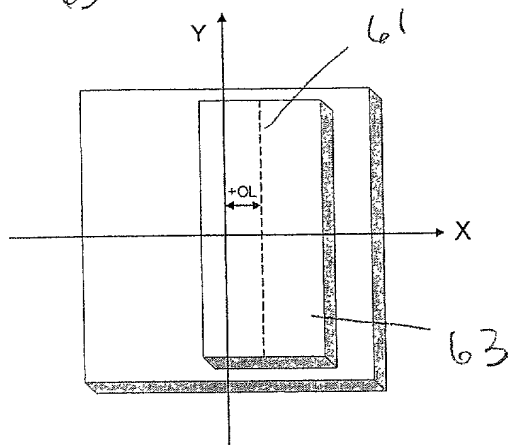


Fig. 7b

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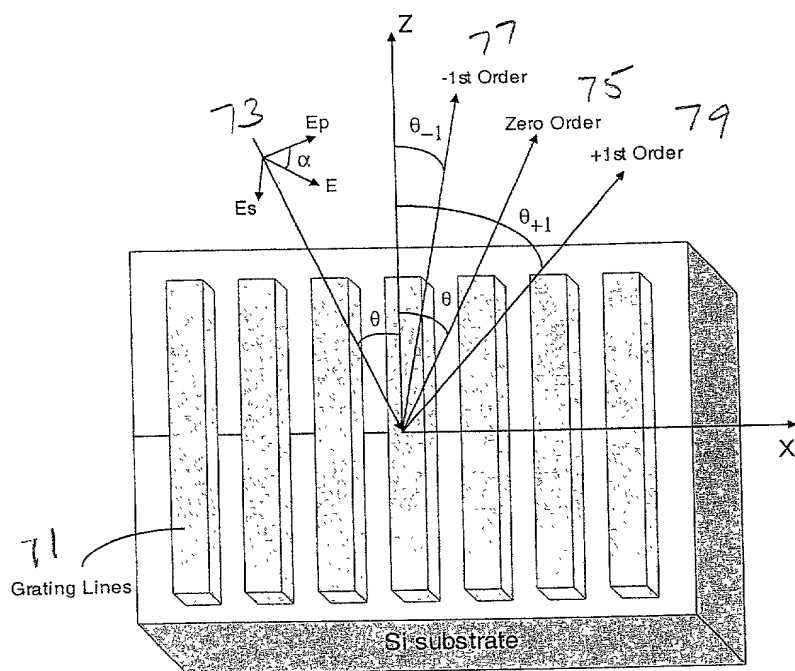


Figure 2

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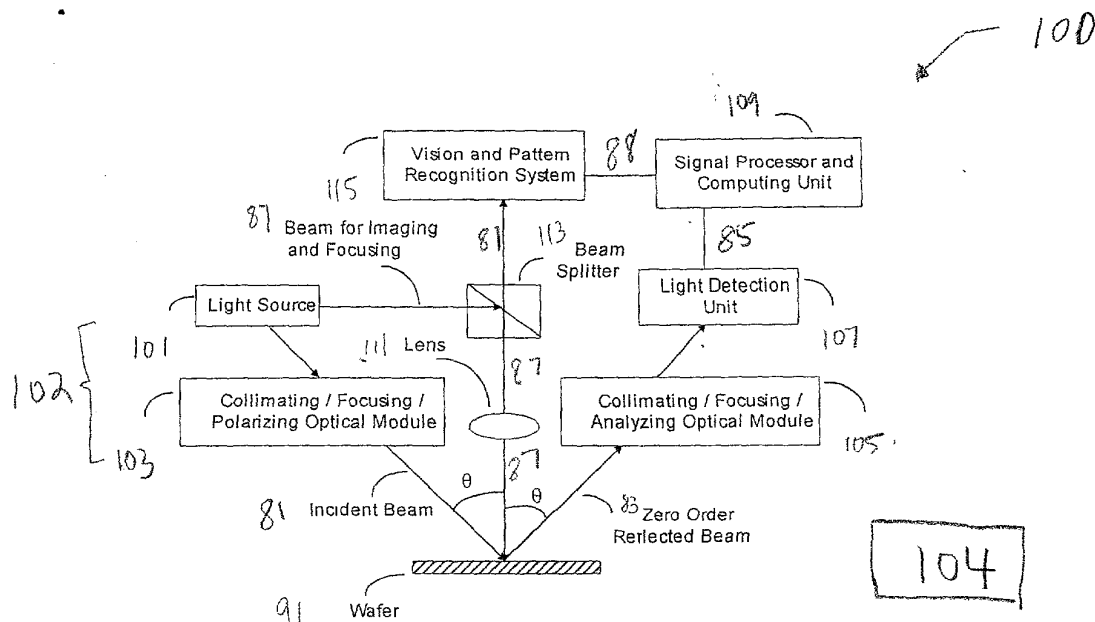


Figure 9a

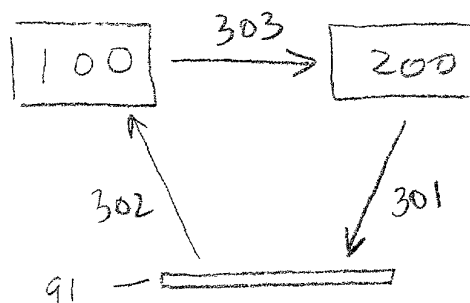


Figure 9b

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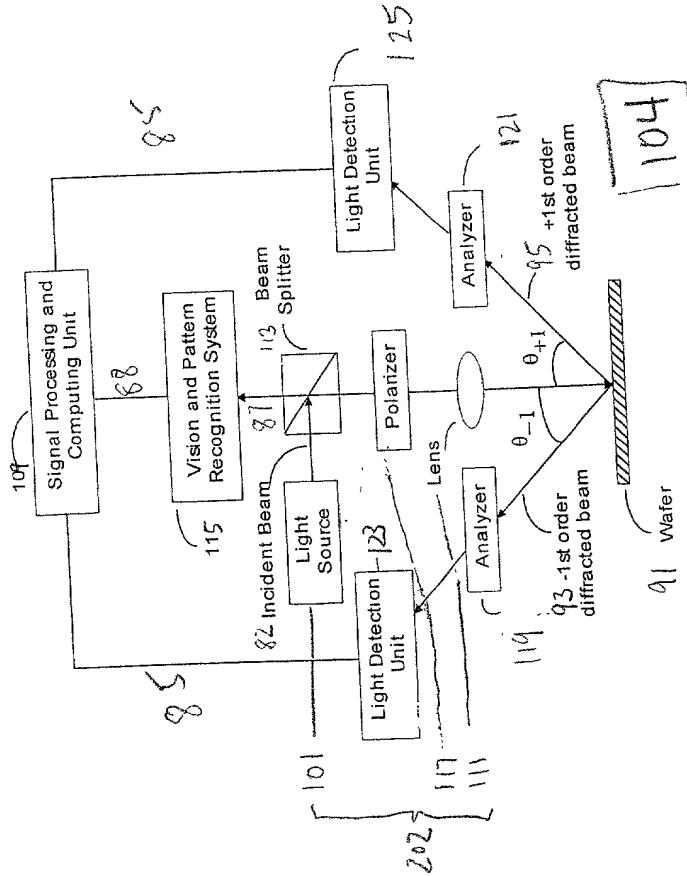


Figure 10a

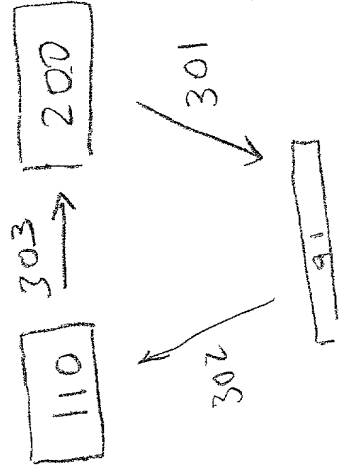


Figure 10b

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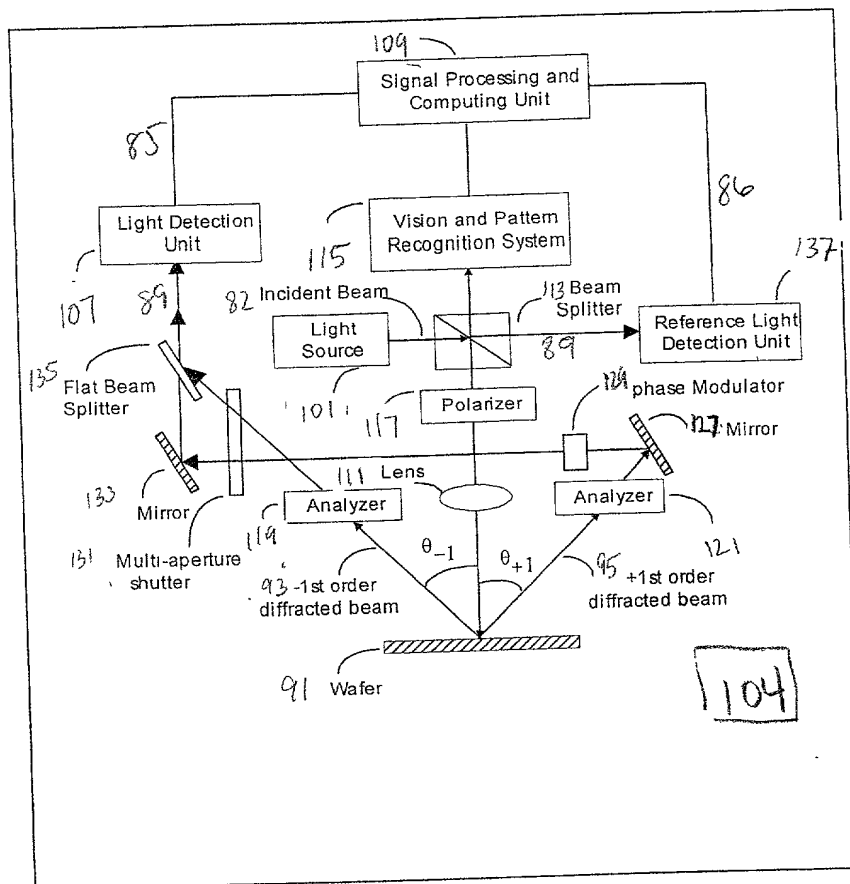


Figure 11a

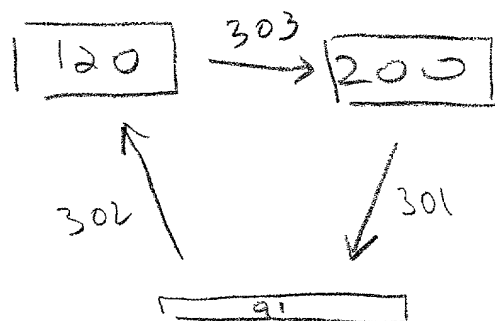


Figure 11b

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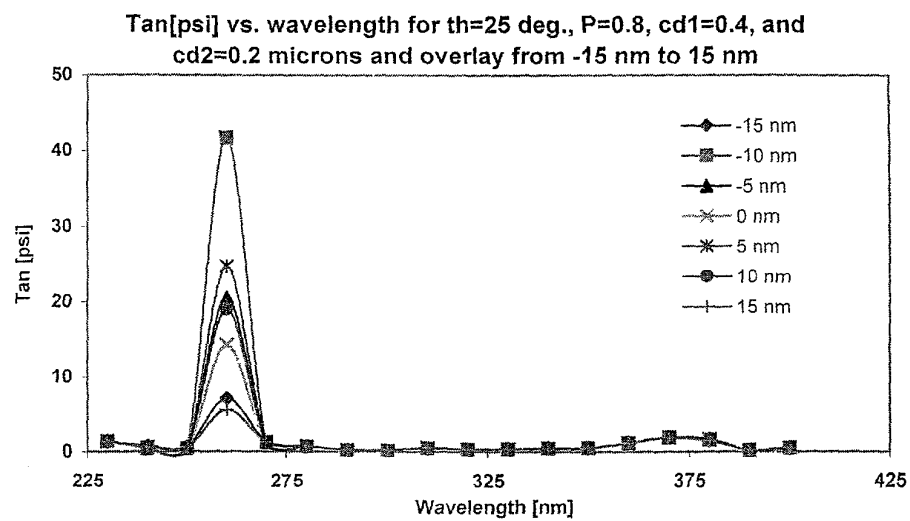


Fig. 12a

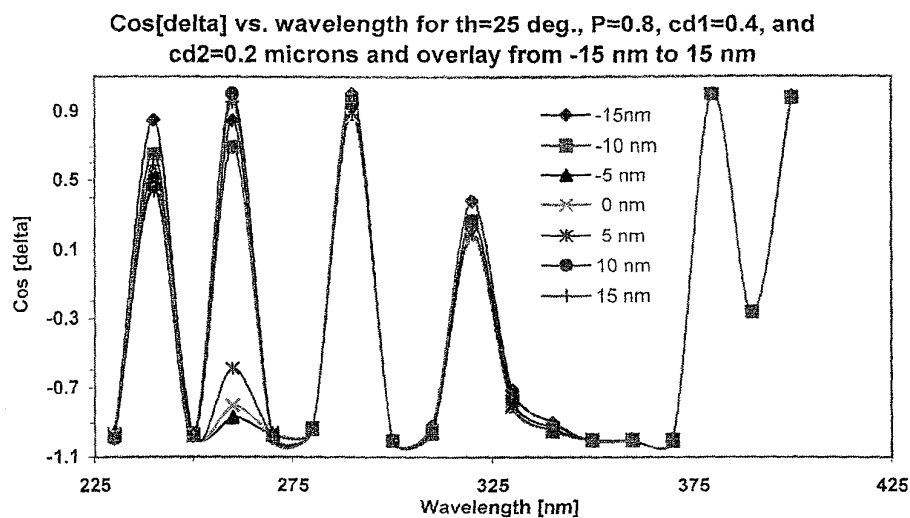


Fig. 12b

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Differential intensity between +/-1st orders from resist AZ1530j on etched Si double gratings versus overlay. CD1=500nm, CD2=200nm, h1=850nm, h2=600nm, wl=550nm, P=1 micron at different polarization angles

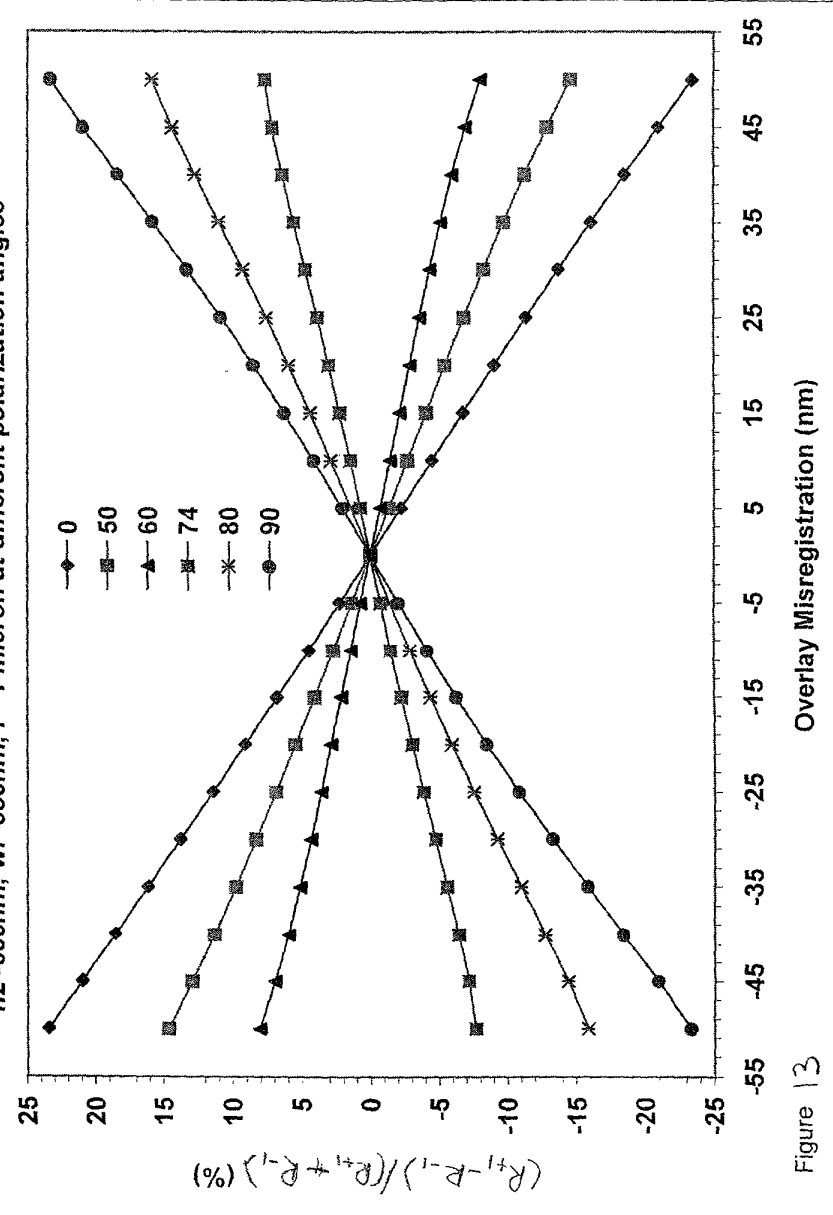
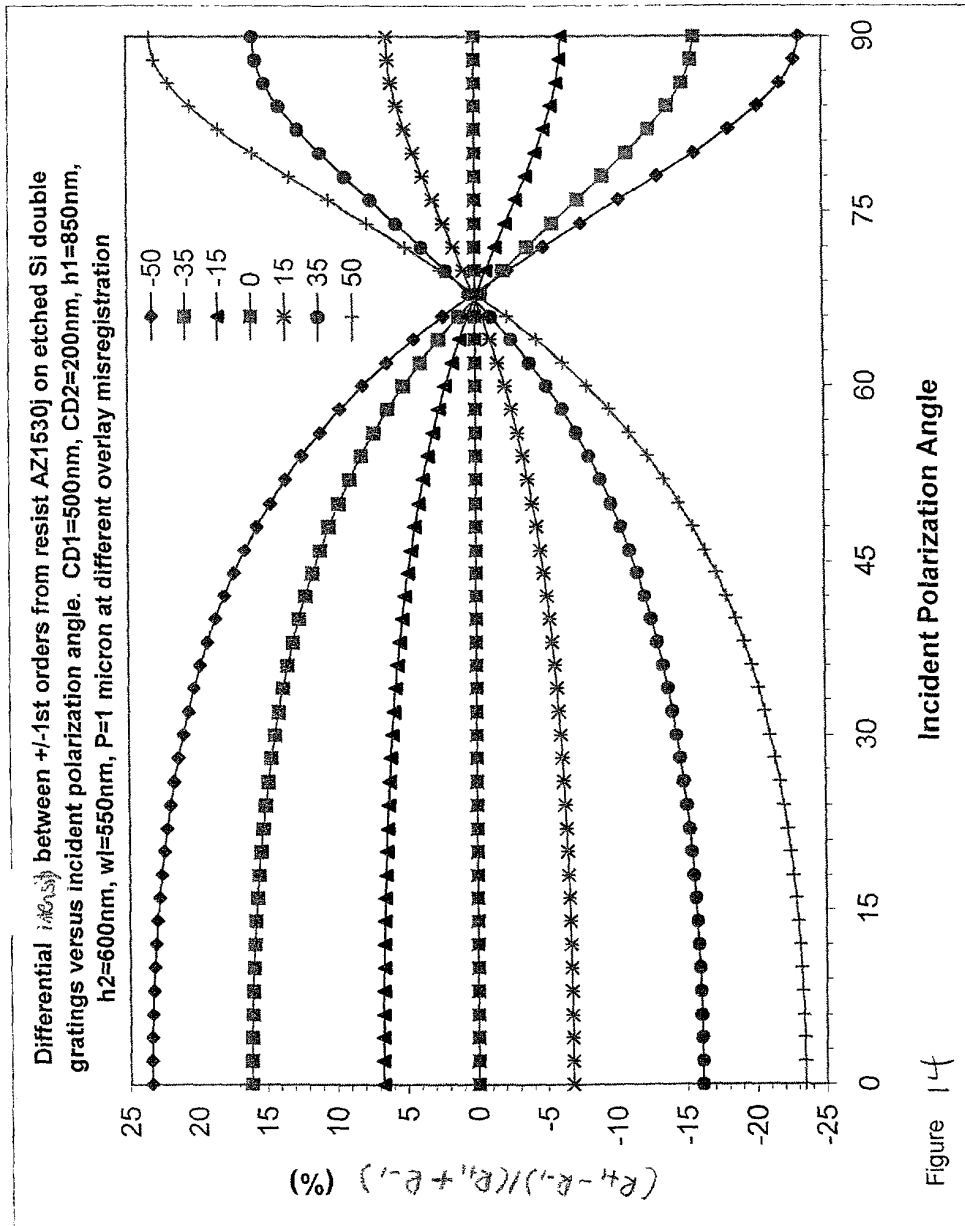
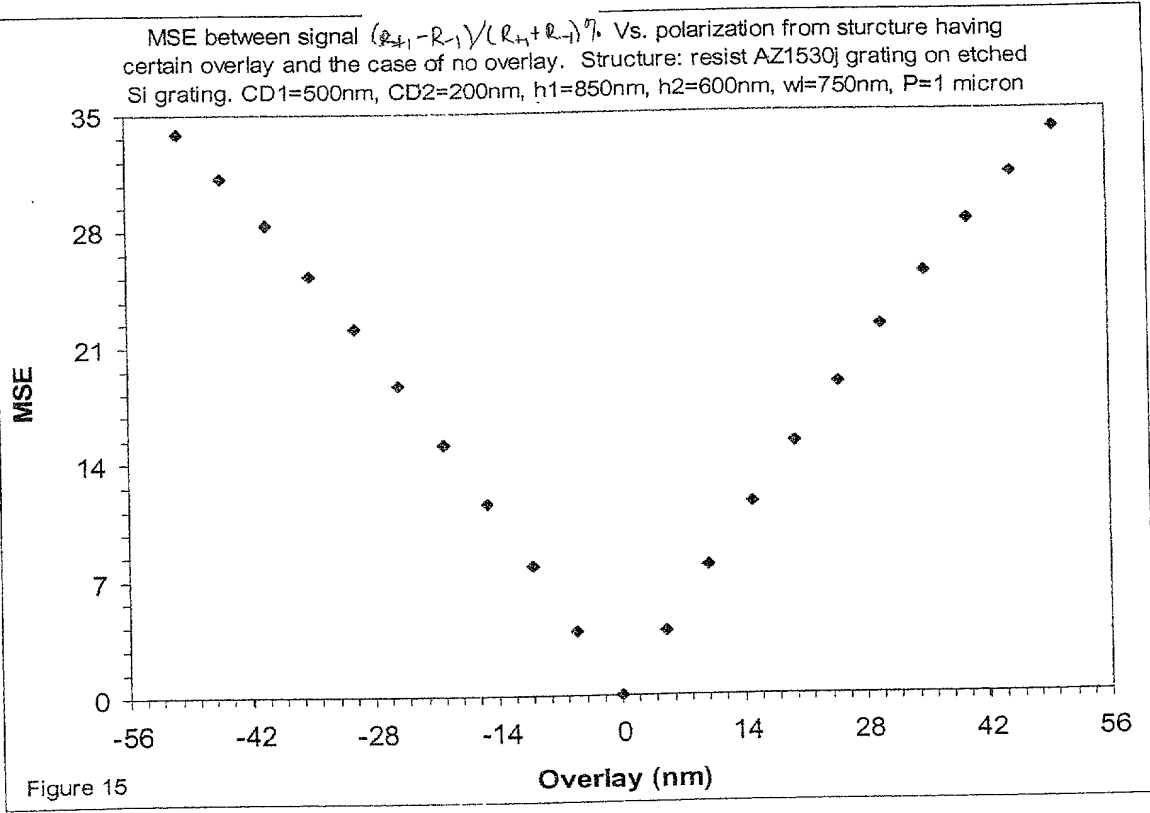


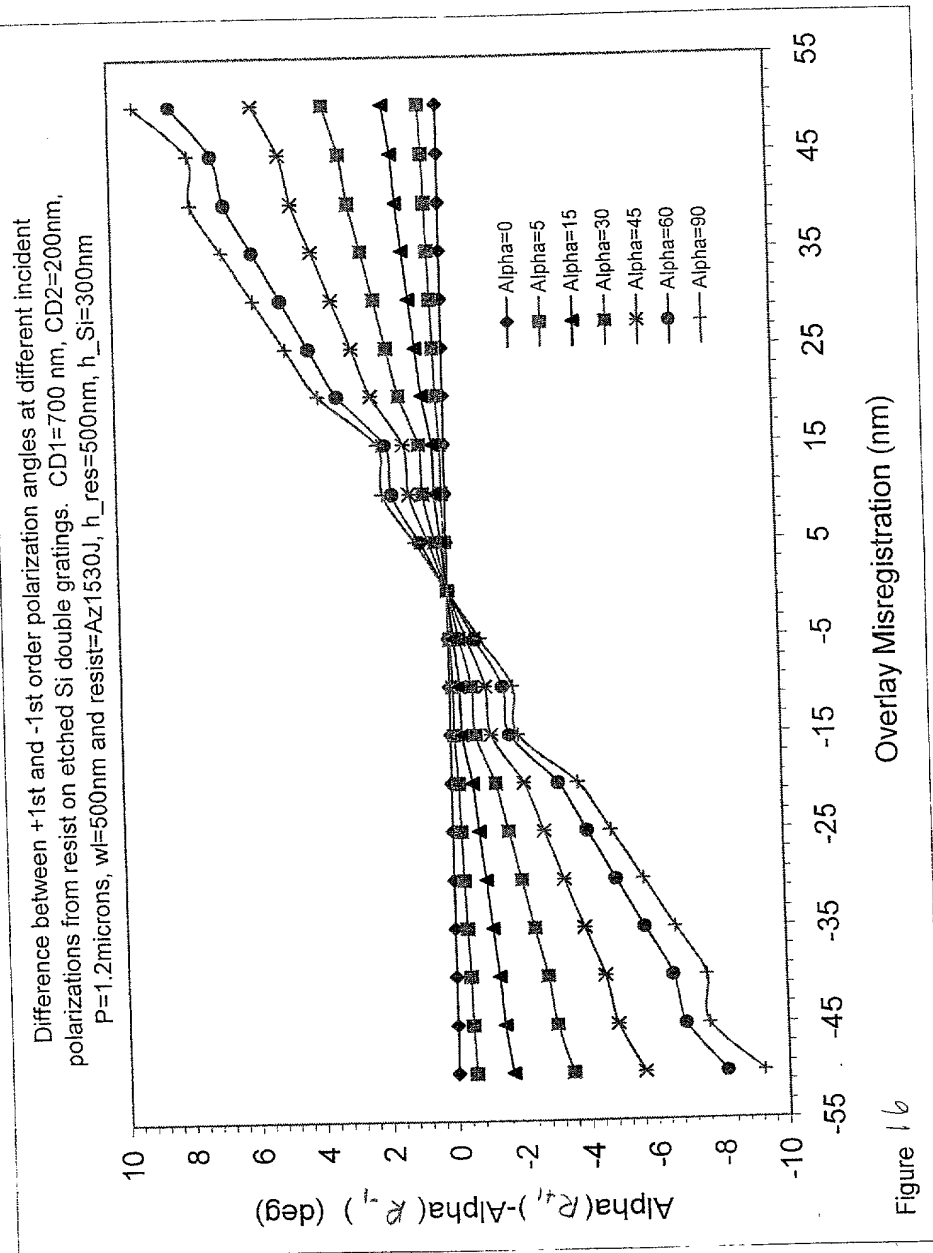
Figure 13

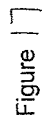
M-1090365
15725



M-10903 US
160625



[illegible]

[illegible]

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Zero order diffraction from resist AZ1530j on oxide on etched Si double
interlaced gratings versus overlay. CD1_Si=150nm, CD2_Si=300nm,
CD3_resist=150nm, h_Si=850nm, h_oxide=600nm, w1=670nm, P=1
micron, th=76deg at diff. Polariz. angles

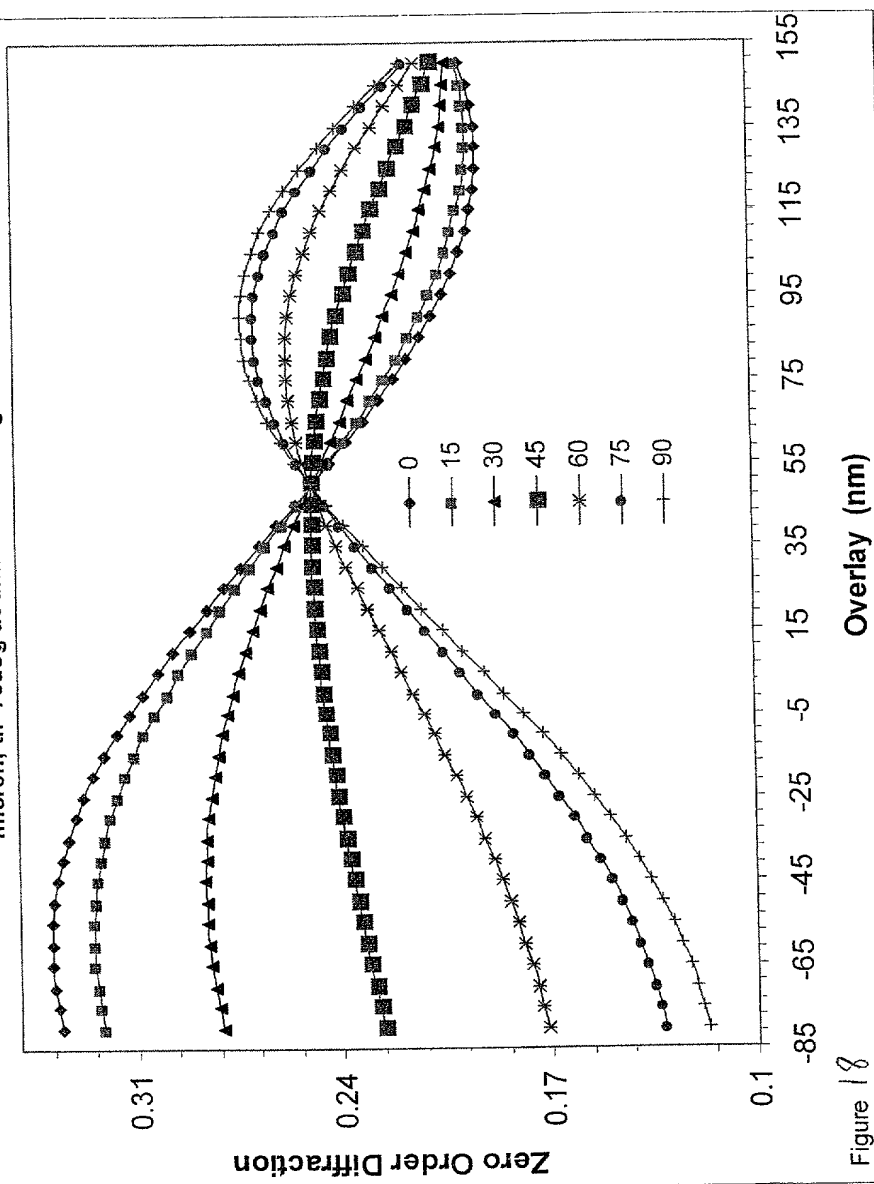
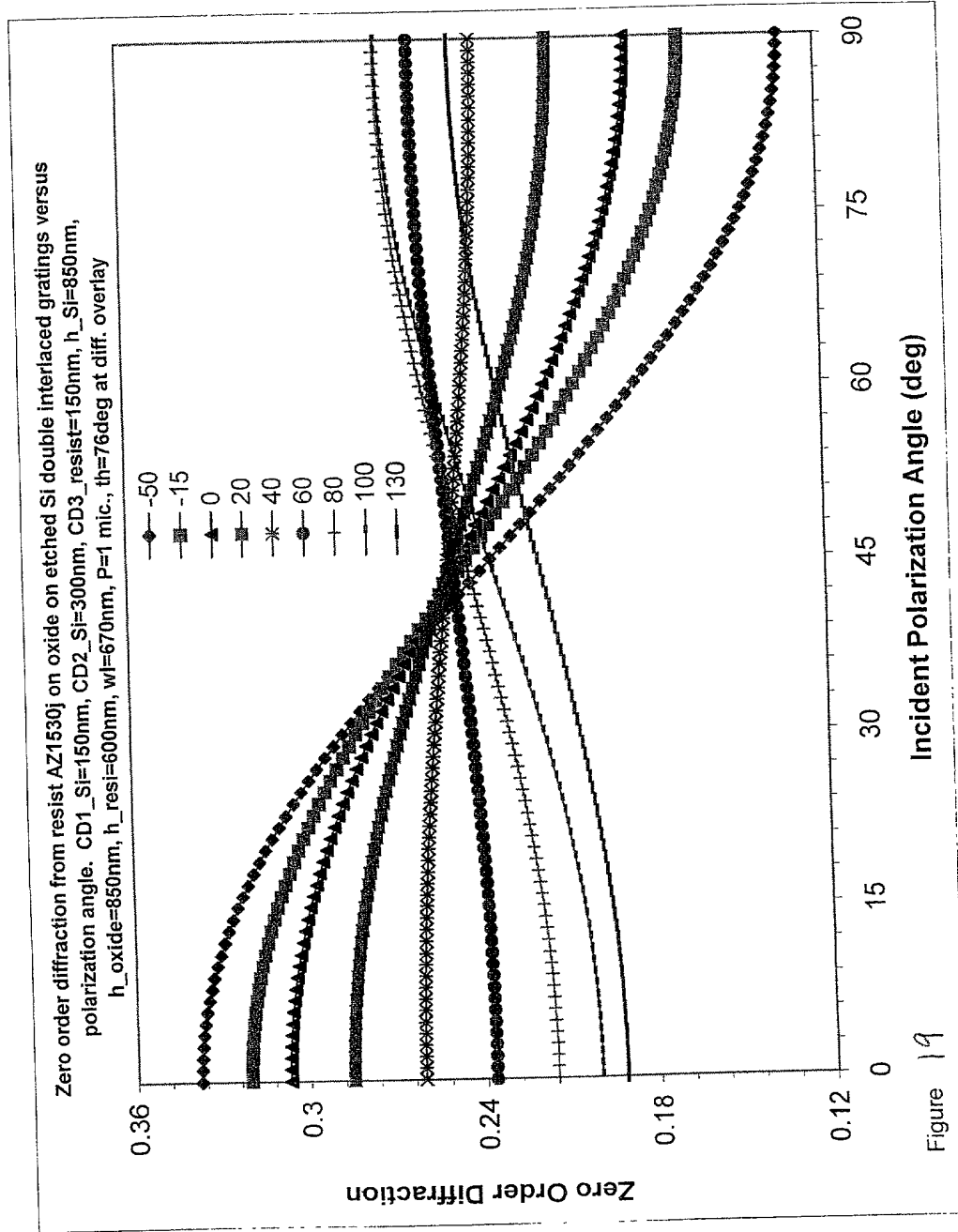
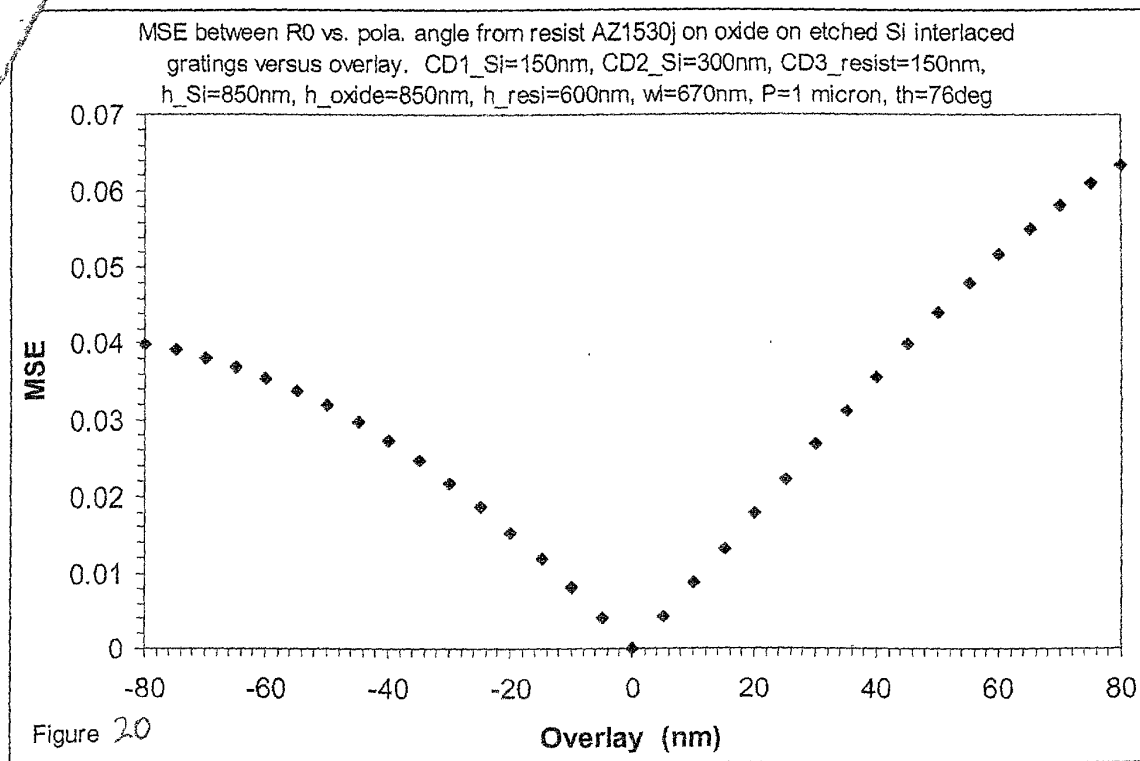


Figure 18

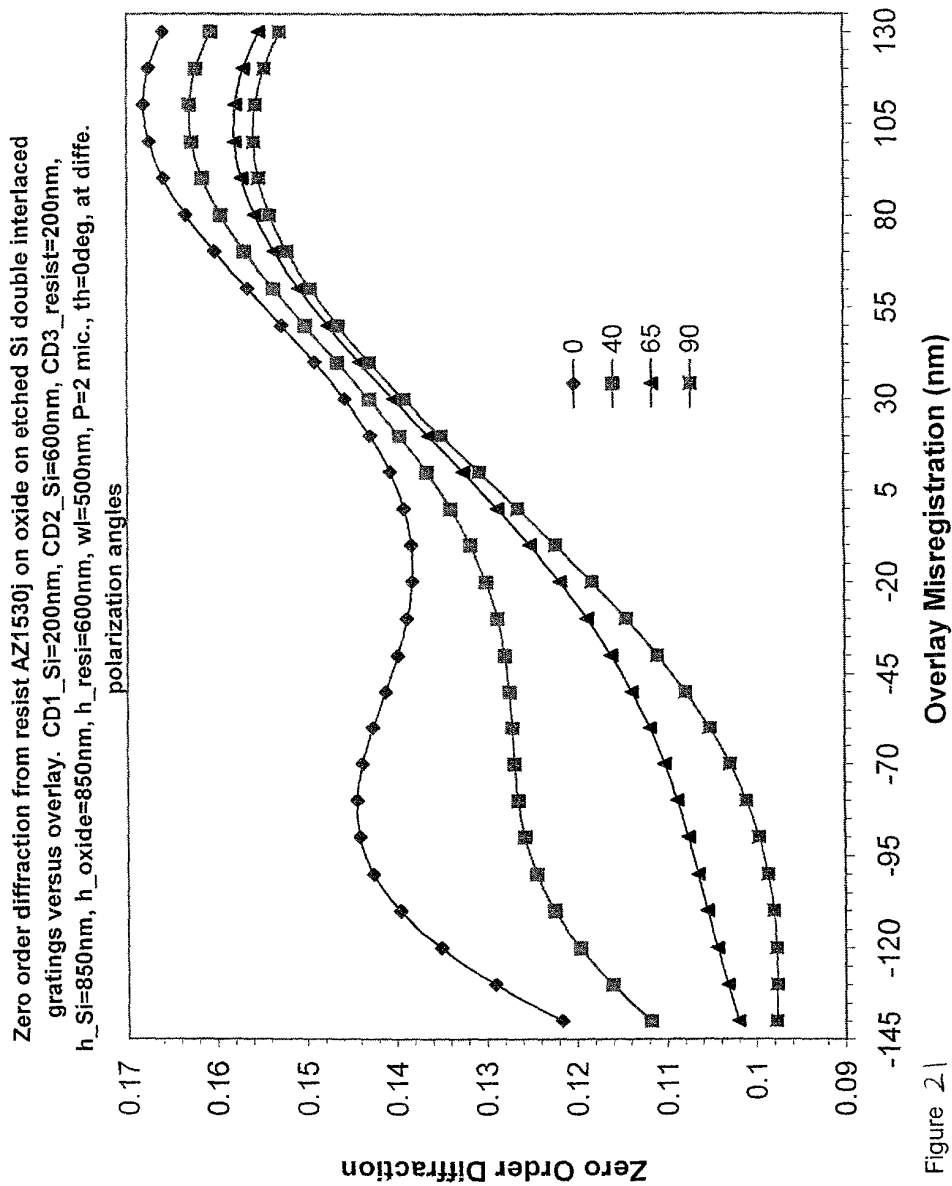
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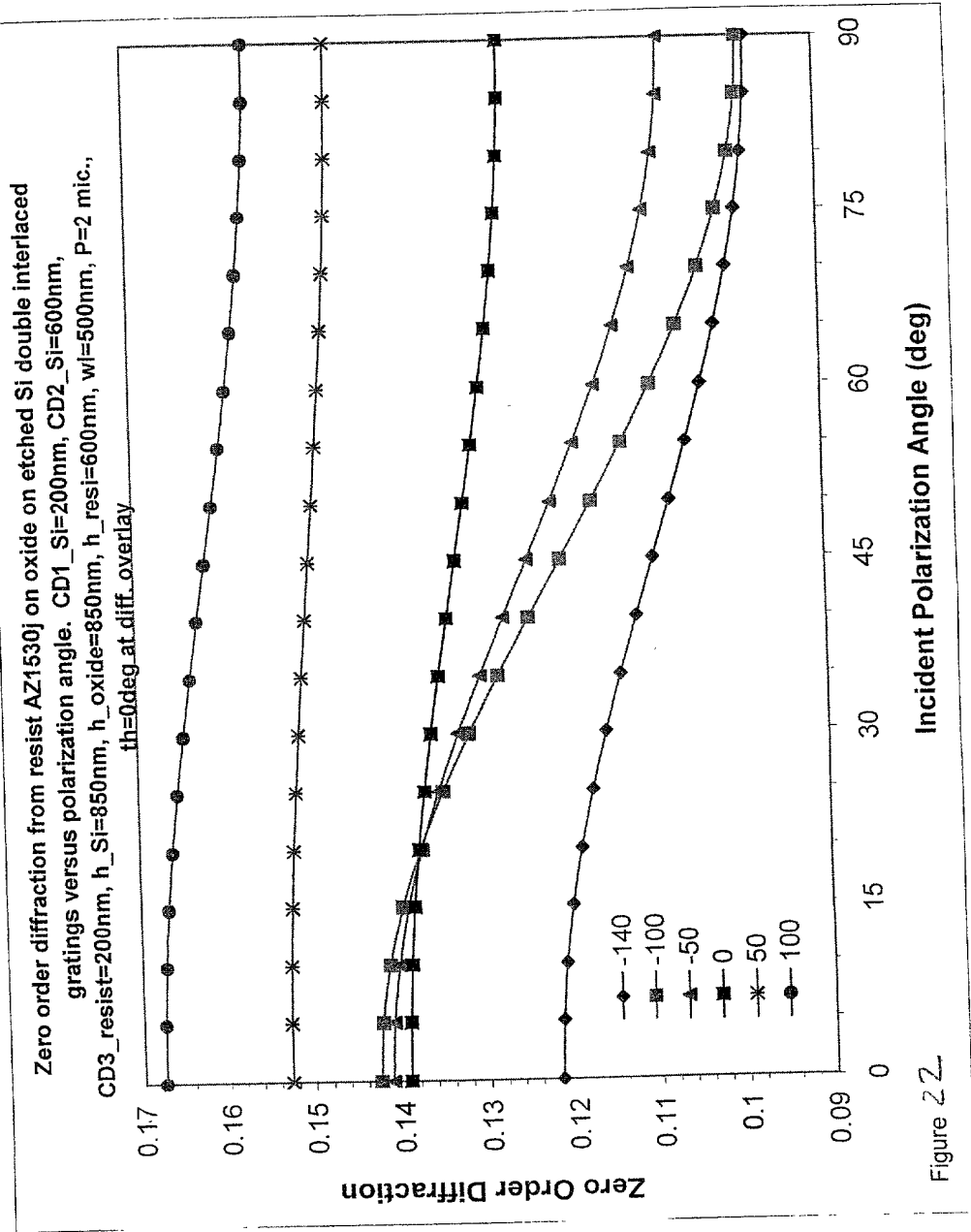
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M-10703 us
24725

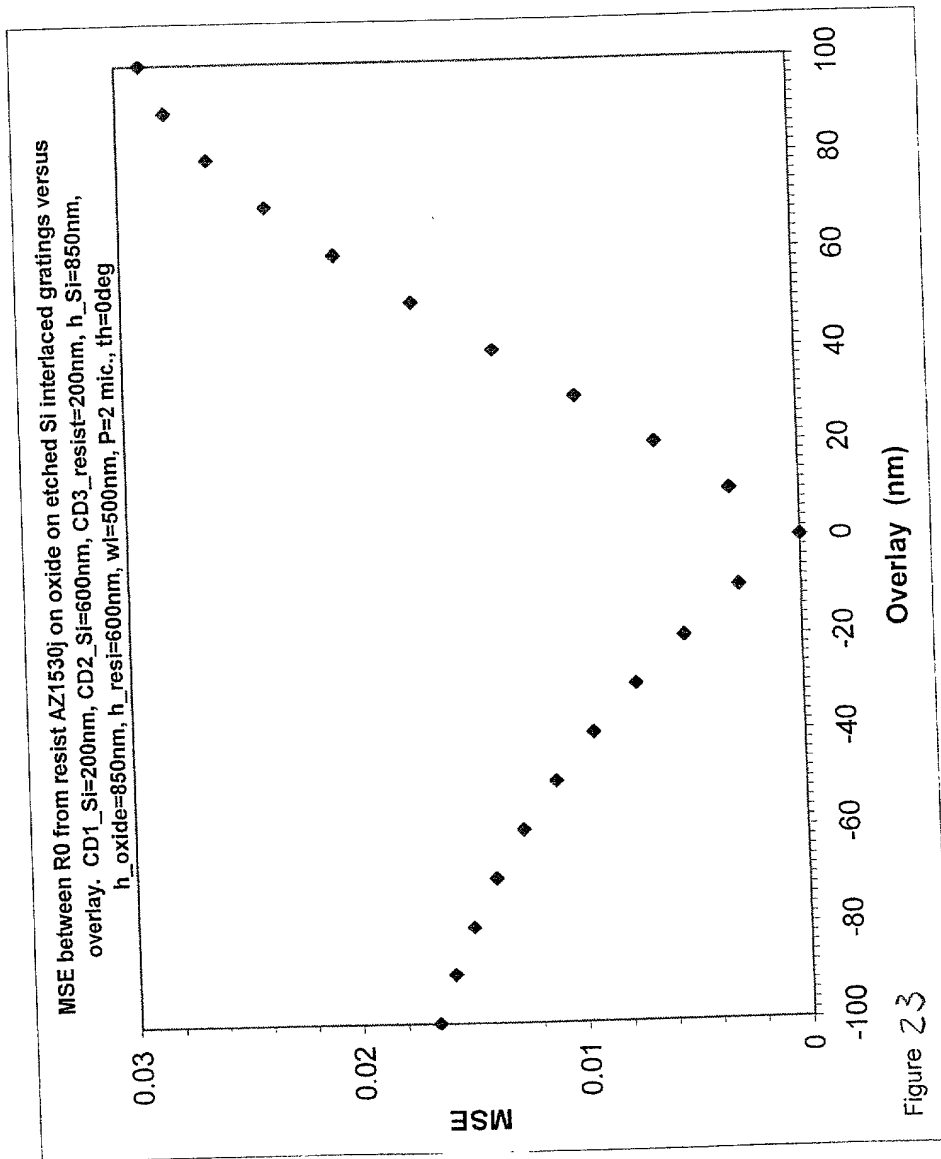


Figure 23

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